



Designation of a lectotype for *Pseudoceros kylie* Newman & Cannon, 1998 (Platyhelminthes, Polycladida, Pseudocerotidae)

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Recently, we have been examining the literature relevant to Australian “Turbellaria” (Phylum Platyhelminthes) and have noticed that there was an omission in the paper of Newman & Cannon (1998). In this work, Newman & Cannon proposed several new species of *Pseudoceros* Lang, 1884. There appears to have been an oversight in the typification of one species, *Pseudoceros kylie* Newman & Cannon, 1998, in that no types were officially designated. Here we recommend new types, which we propose to designate as lectotype and paralectotypes, based on the material examined by Newman & Cannon in their description. All of this material is deposited currently in the Queensland Museum, Australia.

Taxonomy

Phylum Platyhelminthes Gegenbaur, 1859

Class Rhabditophora Ehlers, 1985

Subclass Trepaxonemata Ehlers, 1984

Order Polycladida Lang, 1881

Suborder Cotylea Lang, 1884

Superfamily Pseudoceroidea Faubel, 1984

Family Pseudocerotidae Lang, 1884

Genus *Pseudoceros* Lang, 1884

Pseudoceros kylie Newman & Cannon, 1998

Proposed emendations to types:

Lectotype: **G213881**, under rocks, mud flat, Point Halloren, Redland Bay, southeast Queensland, 27°34' S 153°18' E, coll. L.J. Newman & A.E. Flowers, 8.xii.1990, wholemount.

Paralectotypes: all collected from under rubble, oyster leases, Myora, North Stradbroke Island, Moreton Bay, southeast Queensland, 27°29' S 153°25' E, coll. K. Jennings; **G210940**, 19.i.1996, longitudinal sections, 5 slides; **G210955**, 19.i.1996, wholemount; **G210965**, 25.i.1996, in spirit; **G210966**, 13.v.1996, in spirit, 2 specimens; **G210995**, 19.i.1996, in spirit, 3 specimens; **G211956**, 13.v.1996, longitudinal sections, 9 slides.

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References

Newman, L.J. & Cannon, L.R.G. (1998) *Pseudoceros* (Platyhelminthes: Polycladida) from the Indo-Pacific with twelve new species from Australia and Papua New Guinea. *The Raffles Bulletin of Zoology*, 46, 293–323.